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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/520.871
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Filing Date	01/11/2005
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First Named Inventor	Verentchikov, A. N.
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Art Unit	2881
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Examiner Name	6 MATHEN
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Attorney Docket Number	55387.023
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Sheet	1	of	1
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## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		Country Code <sup>3</sup> * Number * Kind Code <sup>9</sup> (if known)				
tch		<del>WO 99/01889</del>	<del>01/14/1999</del>	<del>Merck &amp; Co.,</del>		
		See page 2 of PTO 1449		filed on 8-20-06		

**Examiner  
Signature**

tree

Date Considered

09-01-06

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filed on 8-2-06  
lw

Sheet 1 of 3

<b>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE</b> <b>(Rev. 2-32) PATENT AND TRADEMARK OFFICE</b>	<b>ATTY. DOCKET NO.</b> LEC01 P-431	<b>SERIAL NO.</b> 10/520,871
<b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	<b>APPLICANT(S)</b> ANATOLI N. VERENTCHIKOV	
	<b>FILING DATE</b> 01-11-05	<b>GROUP</b> 2881

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
lw	6 3 0 0 6 2 7	10/09/01	Köster et al.	—	—	
	6 1 1 1 2 5 0	08/29/00	Thomson et al.	—	—	
	6 0 2 0 5 8 6	02/01/00	Dresch et al.	—	—	
	5 8 5 4 4 8 5	12/29/98	Bergmann	—	—	
	5 8 4 7 3 8 6	12/08/98	Thomson et al.	—	—	
lw	5 4 6 4 9 8 5	11/07/95	Cornish et al.	—	—	

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION
						Y N
lw	WO 0 1 1 5 2 0 1	03/01/01	PCT	—	—	
lw	WO 0 0 7 7 8 2 3	12/21/00	PCT	—	—	
lw	WO 0 0 7 0 3 3 5	11/23/00	PCT	—	—	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXR INITIAL	
lw	Bakker, J.M.B., "The Spiratron," <i>In Mass Spectrom</i> , London, 1971, pp. 278-282.
lw	Morris et al., "High Sensitivity Collisionally-activated Decomposition Tandem Mass Spectrometry on a Novel Quadrupole/Orthogonal-acceleration Time-of-flight Mass Spectrometer," <i>Rapid Communications in Mass Spectrometry</i> , Vol. 10, 1996, pp. 889-896.

<b>EXAMINER</b> lw	<b>DATE CONSIDERED</b> 09-07-06
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	<b>APPLICANT(S)</b> ANATOLI N. VERENTCHIKOV	
	<b>FILING DATE</b> 07-11-05	<b>GROUP</b> 2881

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
lew	5 2 0 2 5 6 1	04/13/93	Giessmann et al.	—	—	
lew	5 0 3 2 7 2 2	07/16/91	Boesl et al.	—	—	
lew	4 9 6 3 7 3 6	10/16/90	Douglas et al.	—	—	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION
						Y N
lew	wo 9 9 4 0 6 1 0	08/12/99	PCT	—	—	
lew	wo 9 9 3 9 3 6 8	08/05/99	PCT	—	—	
lew	wo 9 9 0 1 8 8 9	01/14/99	PCT			
lew	wo 9 2 1 4 2 5 9	08/20/92	PCT			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER INITIAL	
lew	Qian et al., "Capillary Liquid Chromatography Coupled with an Ion Trap Storage/Reflectron Time-of-flight Mass Spectrometer for Structural Confirmation of Three Recombinant Protein Isoforms," <i>Rapid Communications in Mass Spectrometry</i> , Vol. 10, 1996, pp. 1079-1087.
lew	Makarov et al., "Pitfalls on the Road to the Ideal Time-of-flight Mirror: Ideal Time-focusing in the Second Stage of Tandem Mass Spectrometers," <i>Int. J. of Mass Spectrom. And Ion Processes</i> , Vol. 146/147, 1995, pp. 165-182.

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION	
						Y	N

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER INITIAL		
len		Verentchikov et al., "Collisional Cooling and Ion Formation Processes in Orthogonal MALDI at Intermediate Gas Pressure," ASMS Conference 1999.

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